

Remarks:

1. Applicants have amended one paragraph of the specification to correct two typographical/grammatical errors.

2. Claims 1-8 and 18-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Perach (US Patent 4,719,943).

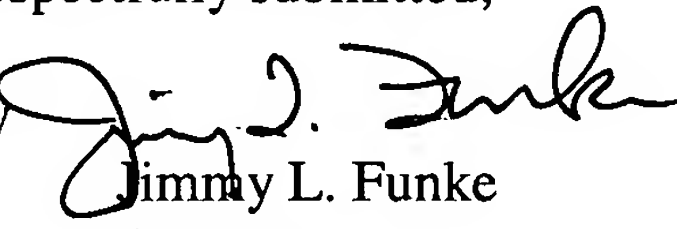
- a. With regards to claim 1, applicants have amended claim 1 to include the limitation of having the annular rib be radially distanced from the inner diameter of the spool and not adjoining the inner diameter of the spool. Support for this feature can be found in Figures 1 and 2 of the specification. This configuration, in contradistinction to the prior art Figure 1, reduces or eliminates the possibility of creating a saturation point in the magnetic flux path where the bobbin is keyed to the secondary plate. This potential saturation point diminishes the performance of the actuator. The Applicants have innovatively solved this problem by moving the key away from the inner diameter of the bobbin and secondary plate. Applicants' making integral the rib and the groove to the bobbin and the secondary plate respectively is also different than the structure pictured in the prior art reference Figure 4.
- b. Claims 2-5 depend from claim 1 and for the reasons cited above are now in condition for allowance.
- c. Claims 6-7 have been cancelled

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d. Claim 8 has been amended to clarify the claimed structure having a wedge shaped protrusion that is on the periphery of the flange of the bobbin. This structure also moves the keying features away from the potential saturation point of the magnetic flux path found in the prior art reference at the intersection of the bobbin and secondary plate. Applicants contend that this amendment places claim 8 in condition for allowance.

Although no fees are believed due, the Commissioner is authorized to charge our Deposit Account No. 50-0831 for any fees or credit the account for any overpayment.

Respectfully submitted,

By 
Jimmy L. Funke
Attorney
Telephone (248) 813-1214
Reg. No. 34166

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